

**B. Remarks**

In response to the restriction requirement set forth on page 2, paragraph 3 of the Office Action, Applicant elects the invention under Group I, identified by claims 1-5, 9, 10, 12, 14, 18, 19, 21-43, 52-54, 64-74, and 99-101, without traverse. Applicant acknowledges that the non-elected claims may form the subject of a divisional application that would be entitled to the benefit of the filing date of the present application under 35 U.S.C. § 121.

In response to the election requirement set forth on page 4, paragraph 4 of the Office Action, Applicant elects the embodiment described in Figure 4 and paragraphs 46-51 of the specification, and Figures 15A-C and paragraph 62 of the specification for prosecution on the merits. All the claims elected under Group I (1-5, 9, 10, 12, 14, 18, 19, 21-43, 52-54, 64-74, and 99-101) read on the embodiment elected herein.


Applicant respectfully submits that the multiple figures constitute a single embodiment as follows:

Figure 4 illustrates one embodiment of a block diagram of a method of controlling a rotating vector flux motor. Figures 15A-C illustrate one embodiment of the motor that may be controlled using the method described in Figure 4 and related portions of the specifications set forth above.

**C. Conclusion**

As all of the issues raised in the Office Action have been addressed, Applicant respectfully requests prosecution on the merits of the elected claims and the elected species and the issuance of a notice of allowance with respect to these claims. If the Examiner has any concerns regarding the present application, Applicant respectfully requests that the Examiner contact the undersigned at the telephone number listed below so that these concerns may be expeditiously addressed.

Respectfully submitted,

  
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